

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (cancelled)

1 Claim 2 (previously presented): An ATM network comprising a  
2 physical network with different stations, wherein a stream  
3 of ATM cells is transferred from at least one source  
4 station to a group of different destination stations via a  
5 virtual transmission path between the source station and  
6 said different destination stations in the network, said  
7 virtual transmission path being distinguished by ATM cells  
8 to which a corresponding virtual path identifier (VPI1) has  
9 been assigned, the virtual path with said virtual path  
10 identifier (VPI1) comprising various virtual connections,  
11 each of said virtual connections being distinguished by ATM  
12 cells to which a corresponding virtual connection  
13 identifier (VCI (1,..n)) has been assigned, said group of  
14 different destination stations being subdivided into  
15 various subgroups of the destination stations, each of the  
16 destination stations in each of the subgroups detect VPIs  
17 and VCIs associated with the ATM cells appearing at said  
18 each station and accept only those ATM cells having a VPI

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19 equal to the VPI of said virtual path of the group of the  
20 destination stations and a VCI equal to the VCI of the  
21 virtual connection of said each subgroup of the destination  
22 stations.